

PROJECT TITLE : Tobacco Analysis
PERIOD COVERED : February 29th - March 24th, 1980
WRITTEN BY : L. Joseph

TOBACCO LOT ANALYSES

1. Special trials

1.1 Low nitrate samples (1)

The results of the cultivation trials made on Burley on Italy are available. These trials consisted in different levels of nitrogen fertilization. The $\text{NO}_3\text{-N}$ levels of different grades of these tobaccos are abnormally low, as were those of the last year (only 1 sample had a $\text{NO}_3\text{-N}$ level greater than 0.2%).

1.2 Pakistani tobaccos (2)

The analyses are under way.

1.3 Partially contaminated lot (No. 9084) (3)

No significative difference was found in the smoke analyses between the control and the contaminated samples (just a little lower CO and aldehydes delivery).

2. Routine tobacco lot analyses

2.1 Introduction of inputs on EDP

Twenty four lots were introduced this month.

2.2 Lots under evaluation

Twenty eight lots.

2.3 Lots available, but not yet analysed

Twenty lots.

ASSISTANCE TO OTHER PROJECTS

1. Spotless (4)

Cigarettes have been made with five samples of untreated tobaccos (ØS-B-FC; ØS-B-BU; ØS-B-OR; ØS-A-MD; ØS-A-CH). The analyses are under way.

2. RCB Monique

Trials Nino No. 4 and No. 5 (5)

Due to the bad combustibility of the cigarettes, the smoke analyses could not be done. We have found surprising analytical results of the sheet of trial Nino RCB No. 4.

- high SiO₂ level (3.3%)
- presence of propylene glycol (0.25%)
- high NO₃-N level (0.18%)

This trial will be repeated.

L. Joseph

L. Joseph

References:

- 1) Tobacco analysis monthly report of April 1979.
- 2) Letter from Mr. C. Jeanneret to L. Joseph, dated February 1, 1980.
- 3) Letter from Mr. E. Lecoultre to L. Joseph, dated December 17, 1979.
- 4) Spotless monthly report, January 1980.
- 5) Letter from L. Joseph to Mr. A. Robbiani, dated March 4, 1980.

March 26, 1980
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